her	ISBN - 04 9	95112860	Publisher - Th	nomson Learning			
Provided by the Publisher	Oceanography: An Invitation to Marine Science						
the P	Type - P1	Author -	Garrison				
ed by	Copyright - 2007 Edition - 6th			Readability - 10.6 Flesch-Kincaid			
rovide	Course - O	ceanography		Grade(s) - 9,10,11,12			
Œ	Teacher Ed	lition ISBN if applica	ble	0495190748			
Overall Recommendation: Recommended as Basal Overall Strengths, Weaknesses, Comments:							
	As specific text for an elective Oceanography course for High School this would serve as an acceptable resource, however if a true inquiry approach to the course is to be taken, the teacher will need to supplement this with outside materials.						
CRITERIA This basal resource							
A. Encompasses KY Content Standards & Grade Level Expectations				Level Strong Evidence Moderate Evidence Little or No Evidence			
,	\boxtimes	Text is designed to	be used in an electiv	ve course outside the Program of Studies			
	1) Include:	s the 7 Big Ideas of	science to the follo	owing extent:			
	a) Stru	cture and Transform	ation of Matter	☐ Strong ☐ Moderate ☒ Little ☐ N/A			
	b) Moti	on and Forces		☐ Strong ☐ Moderate ☒ Little ☐ N/A			
	c) The	Earth and the Unive	erse	☐ Strong ☑ Moderate ☐ Little ☐ N/A			
	d) Unit	y and Diversity		☐ Strong ☐ Moderate ☑ Little ☐ N/A			
	e) Biolo	ogical Change		☐ Strong ☐ Moderate ☒ Little ☐ N/A			
	f) Ene	rgy Transformation		☐ Strong ☐ Moderate ☒ Little ☐ N/A			
	g) Inte	dependence		☐ Strong ☑ Moderate ☐ Little ☐ N/A			
	•		c enduring elated Program of S	Studies Strong Moderate Little N/A			
		ses content-specifi ted Program of Stu	c skills and concept dies standards.	ts from Strong Moderate Little N/A			

Content addressed is current, relevant and non- trivial	Strong ☐ Moderate ☐ Little ☐ N/A				
5) Provides opportunities for critical thinking/reasoning	Strong ☐ Moderate ☐ Little ☐ N/A				
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered exceptionally well? Specific weaknesses-which areas/concepts would likely require supplementing? 					
The text contains a comprehensive look at the at the content related to oceanography as would be expected of a text for an elective course in this topic area.					
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence				
1) Suitability	Strong ☐ Moderate ☐ Little ☐ N/A				
 Should be suitable for use with a diverse population and ethnicity, gender, religion, social and/or geographic env any kind. 					
2) Content quality	Strong ☐ Moderate ☐ Little ☐ N/A				
 Free from factual errors Content is presented conceptually when possible—more than a mere collection of facts Content included accurately represents the knowledge base of the discipline Theories/scientific models contained represent a broad consensus of the scientific community 					
3) Connections to Literacy Note: may apply to either student or teacher editions	☐ Strong ☐ Moderate ☑ Little				
 Employs a variety of reading levels and is grade/level appropriate Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. Student text provides opportunity to integrate reading and writing Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text and glossary Engaging text- does the text facilitate learning? Does understanding the text require having performed the imbedded activities? 					
4) Connections to Technology	☐ Strong ☐ Moderate ☒ Little				
 Integrates technology and reflects the impact of technological advances Uses technology in the collection and/or manipulation of authentic data 					
5) Support for Diverse Learners	☐ Strong ☐ Moderate ☒ Little				

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms Note: may apply only to teacher edition

6) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

While the content of this text is very strong and well balanced, there is little focus on the incorporation of meaningful and researched literacy strategies. There is also little integration of technology or the collection and manipulation of data via the use of technology. Support for ELL and differentiation of instruction are not included.

C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence			
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☑ Moderate ☐ Little			
 Provides opportunities for inquiry and research that includes actopics, formulating authentic questions, gathering information, rinterviewing, and evaluating information, analyzing and synthes findings and conclusions. Requires students to use higher-level cognitive skills (analysis, Provides activities and projects for students to deepen their knowstrengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, motivate students to engage in discussion, problem solving, and Emphasizes conceptual understandings that invite students to provide and extend ideas to support reasoning. Note: may apply to either teacher or student edition 	esearching resources, observing, sizing data and communicating synthesis, evaluation, etc.) owledge and cultivate and and other illustrations to invite and dother high-order thinking skills.			
2) Skill Development	☐ Strong ☑ Moderate ☐ Little			
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analystact/opinion, recognize bias) 	ze arguments, distinguish			

3) Strengths, Weaknesses, Comments:

solving

Provides opportunities to examine a range of types of evidence

Note: may apply to either teacher or student edition

There is no evidence of the incorporation of inquiry or research activities the would support an inquiry approach to the content. There are no activities to collect, analyze, and interpret data evidenced in the text or supplemental resources reviewed. How ever there are critical thinnking and critical analysis questions available as part of the end of chapter reviews.

Contains embedded activities (or extensions) that emphasize use of technology for problem

D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence				
1) Engages Students	☐ Strong ☑ Moderate ☐ Little				
 Includes content geared to the needs, interests, and abilities of students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i> 					
2) Uses Assessment to Inform Instruction	☐ Strong ☐ Moderate ☑ Little				
 Includes multiple means of assessment as an integral part of instruction Provides evaluation measures in the teacher edition that supports differentiated learning activities Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards 					
There is a lack in variety of assessment types incorpoirated into the text. Assessments do not contain questions that have a variety of DOK levels above 1 or 2. Differentiated learning activities are not evidenced in any of the supporting materials.					
E. Has an Organization/ Format that Supports Learning and Teaching	Strong Evidence Moderate Evidence Little or No Evidence				
1) Organizational Quality	Strong				
 Print and/or electronic materials present minimal barriers to learners Presents chapters/lessons in an organized and logical sequence Provides clearly stated objectives for each lesson. Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, 					

- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.

space, print, type size, color) to enhance readability.

 Incorporates a glossary, footnotes, recordings, pictures, and/or te in using the book effectively Uses grade-appropriate type size Included media are durable, easy to use and have technical merit Construction appears to be durable and able to withstand normal 				
2) Essential Components (beyond student and teacher text)	Strong ☐ Moderate ☐ Little			
 Items identified as essential components support the learning gos basal 	als and concept coverage of the			
 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong evaluation standards. 	រូ examples for individual			
The organization of the text has typical features that would n familiar to most students. Various forms of media are not pr available for review.				
F. Has available Ancillary/ Gratis Materials Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F	☐ Strong Evidence ☐ Moderate Evidence ☑ Little or No Evidence			
 1) Ancillary/Gratis Materials Coordinates teacher resources easily with student material (e.g., student pages shown, instructional technology indicated). Are well-organized and easy to use Provide substantive learning opportunities and are congruent with Provide opportunities for high-level thinking, assessment, and/or 	n student learning goals			
 2) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards. 				